AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

- 1. (Cancelled)
- 2. (Cancelled)
- 3. (Cancelled)
- 4. (Cancelled)
- 5. (Cancelled)
- 6. (Cancelled)
- 7. (Cancelled)
- 8. (Cancelled)
- 9. (Cancelled)
- 10. (Cancelled)
- 11. (Cancelled)
- 12. (Cancelled)
- 13. (Cancelled)
- 14. (Cancelled)
- 15. (Cancelled)
- 16. (Previously Presented) Process of treating paper or boards comprising using a composition prepared by a process comprising emulsion polymerizing at a temperature ranging from 30 to 100°C one or more monomers in the presence of 30 to 50% by weight, with respect to the one or more monomers, of a surfactant consisting of imidized styrene/maleic anhydride copolymer, the solids content of the dispersion being 20 to 50%, as a paper sizing agent.

- 17. (Previously presented) Process of claim 16 wherein no retention agent is used and immediate sizing is obtained.
- 18. (Previously presented) Process of claim 16 wherein one or more additional sizing agents are used as surface sizing agents.
- 19. (Previously presented) Process of claim 18 wherein the additional sizing agent(s) are selected from starches.
- 20. (Currently Amended) Process Composition useful for external sizing or internal sizing of paper or board comprising (A) an aqueous cationic dispersion and (B) starch in a weight ratio of (A) cationic dispersion to (B) starch of about 5:95 to 50:50, the dispersion prepared by a process comprising emulsion polymerizing at a temperature ranging from 30 to 100°C one or more monomers in the presence of 30 to 50% by weight, with respect to the one or more monomers, of a surfactant consisting of imidized styrene/maleic anhydride copolymer, the solids content of the dispersion being 20 to 50%.
- 21. (New) Process of claim 16 wherein the weight ratio of styrene to maleic anhydride of the copolymer is about 1/1 to 6/1.
 - 22. (New) Process according to claim 21 wherein the ratio is 2/1 to 4/1.
- 23. (New) Process according to claim 16 wherein the copolymer has a number average molecular weight of about 500 to 20,000.
- 24. (New) Process according to claim 23 wherein the number average molecular weight is 2000 to 5000.
- 25. (New) Process according to claim 16 wherein the copolymer has a degree of imidization of about 50 to 100%.

- 26. (New) Process according to claim 16 wherein the copolymer is imidized by dimethylpropylene diamine.
- 27. (New) Process according to claim 16 wherein the monomer(s) are one or more of either
 - (A) hydrophobic monomers selected from the group consisting of
 - (i) alkyl (meth)acrylates of the formula (I):

$$CH_2=C(R_1)COOR_2$$

(I)

wherein $R_1 = H$ or CH_{31} and R_2 is a group having 1 to 22 carbon atoms;

(ii) perfluoroalkyl (meth)acrylates of formula (II):

$$CH_2=C(R_1)COO-(CH_2)_{n}-C_{n}F_{2n'+1}$$
 (II)

wherein $R_1 = H$ or CH_3 ; n = 1-4; and n' = 1-14;

- (iii) vinyl acetate;
- (iv) styrene; and
- (v) versatic esters; and
- (B) hydrophilic monomers.
- 28. (New) Process according to claim 27 wherein the monomer(s) comprise one or more hydrophobic monomers selected from the group consisting of methyl acrylate, ethyl acrylate, butyl acrylate, 2-ethylhexyl acrylate, and methyl methacrylate.
- 29. (New) Process according to claim 16 wherein the dispersion has particles of a size of about 50 to 500 nm.
 - 30. (New) Process according to claim 29 wherein the particle size is about 50 to 300 nm.

- 29. (New) Process according to claim 27 wherein the monomer(s) comprise one or more relatively hydrophilic monomers selected from the group consisting of acrylic acid, methacrylic acid, acrylamide, and ethylene glycol (meth)acrylate.
- 30. (New) Process according to claim 16 wherein the dispensed emulsion polymer has a glass transition temperature of about -70°C to 100°C.
- 31. (New) Process according to claim 16 wherein the glass transition temperature is about 0 to 50°C.